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UNITED STATES DEPARTMENT OF AGRICULTURE



VERMONT ANNUAL REPORT

1978

Agricultural Stabilization and Conservation Service

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FOREWORD

The accomplishments of the Vermont State and County Agricultural Stabilization and Conservation Committees during 1978 are presented in this annual report.

The information relative to the various ASCS programs administered in Vermont provides a reference for readers and explains to the people we serve how USDA programs are handled by our organization.

We wish to pay tribute to the dedicated State, County, and Community Committeemembers who make the operation of these programs so successful. We also wish to commend the work of our efficient ASCS County Executive Directors and their assistants.

We are proud of the fact that Vermont is one of the leading states in ACP participation.

If any reader has any questions about our programs, please feel free to contact us.

Vermont State ASC Committee for 1978

Lloyd H. Patterson, Chairperson
Richard A. Moore, Member
W. Robert Howrigan, Member

State Office Staff for 1978

A. F. Heald, State Executive Director
G. T. Hart, District Director, District #1
E. E. Gifford, Jr., District Director, District #2
W. A. Wilson, Administrative Officer/Program Specialist
B. M. LaPointe, Operations Technician
J. L. Lovejoy, Secretary/Stenographer
L. B. Wilder, Clerk/Stenographer 1/
D. S. St. John, Clerk 2/
J. G. Lee, Clerk, Typist 3/

- 1/ Separated September 1, 1978
2/ Employed as of September 18, 1978
3/ Employed as of December 10, 1978

ADMINISTRATION

The Vermont State ASC Committee is responsible for the administration of ASCS activities assigned to them by the Department of Agriculture.

The State Committee is appointed by the Secretary of Agriculture. It is responsible for the administration and operation of all applicable programs in the State. This committee determines the policies and makes recommendations to be carried out by a State Executive Director who is the administrative head of the State ASCS Office.

Supervision of our county offices is divided between two district directors, George T. Hart, District #1 and Edson E. Gifford, Jr., District #2. Following is the District-County relationship:

<u>District #1</u>	<u>District #2</u>
Caledonia	Addison
Essex	Bennington
Franklin	Chittenden
Grand Isle	Orange
Lamoille	Rutland
Orleans	Windham
Washington	Windsor

Our programs are administered in Vermont at all levels in the organization by ASC farmer committee members. Farmers in each community elect annually from their number a Community Committee of three to carry out the programs in their community. Any person is eligible to vote in an ASC community election if he meets any of the following requirements:

- A Is of legal voting age and has an interest in a farm as owner, tenant or sharecropper.
- B Is not of legal voting age but supervises and conducts the farming operations on an entire farm.
- C Is eligible to participate in any ASCS program that is provided for by law regardless of the status of funding.

No person shall be denied the right to vote because of his race, color, religion or national origin.

The Community Committee members also serve as delegates to their county's convention at which a County Committee of three is elected. The County Agricultural Agent serves as ex officio member of the County Committee.

The County Committee administers the programs at the county level within the policies and guides set up by the State Committee. Each County Committee employs a full-time County Executive Director who is in charge of the day-to-day operation of the County ASCS Office.

County Committee Members and County Executive
Directors Who Served during Calendar Year 1978

<u>County</u>	<u>COC</u>	<u>CED</u>
Addison	Richard F. Estey Roger L. Quesnel Howard C. Foster	Edla S. Browne
Bennington	Charles B. Palmer Earle H. Hill Leon Edgerton	Robert E. Rudd
Caledonia	Roland L. Simpson Richard Lawrence Merwyn Pearl	Claire B. Voyer
Chittenden	Thomas B. Bushey John Whitcomb John White	Jeannine G. Thibault
Essex	Basil Hill Kenneth Hook S. Fox Hodgdon	Jan Jamrog
Franklin	Lyle Hurtubise John Shedd <u>1/</u> Richard Brouillette Roger Rainville	Avis B. Maynard
Grand Isle	Paul Quintin Frank Bullis John Roy	Janet O. Ladd (Acting)
Lamoille	John J. Maloney Andre Valcour Donald Bertrand	John St. Onge
Orange	Robert J. Churchill David C. Stevens Frank H. Brown	Louise Rand
Orleans	Richard Ingalls Cecil Gray Roland Gonyaw	Carolyn B. Rowland
Rutland	George J. Livak James B. Walker M. Perry Ketcham	Charles Mason

1/ Through March 31, 1978

<u>County</u>	<u>COC</u>	<u>CED</u>
Washington	Max L. Gray Herbert J. Cane Paul Hartshorn	Anne L. Moeykens
Windham	George E. Ranney Emery C. Evans R. E. Hamilton	Lynette Hamilton
Windsor	Roger W. Eastman Frederick H. Ladd George M. Dodge	Cecelia I. Grover

1978 AGRICULTURAL CONSERVATION PROGRAM (ACP)

Administration

The 1978 ACP (Agricultural Conservation Program) was announced by Congress with Vermont's allocation set at \$1,004,000.

The national objective of the program is to cost share with public funds the performance of enduring soil and water conservation measures on farmland that the farmer would not perform without cost sharing, thus assuring that the public tax dollar is buying needed conservation beyond that which the farmer would accomplish with his own resources.

Vermont's program objective in addition to the national objective is to reduce the loss and waste of soil, water, woodland, and wildlife resources through the establishment of enduring conservation practices and environmental protection. To provide for the increased demand for food and fiber by promoting highest potential production through the application of sound conservation practices and consider wildlife, open space, and outdoor recreational activities in approving and installing practices, are also our objectives.

Long Term Agreements

Long Term Agreements (LTA's) were first offered in 1974. The major portion of funding the contracts was from the 1975 ACP allocation. The period of the agreement was for not less than 3 program years and not more than 10 program years. The LTA is based on a conservation plan of operation for each farm which has been approved by the NRCD (Natural Resource Conservation District) serving that particular county in which the farm is located.

We initially had 33 agreements in 1974, currently only about 20 remain. The other thirteen have completed their practices.

LTA's as of December 31, 1978

<u>COUNTY</u>	<u>ALLOCATION</u>	<u>OBLIGATED PRACTICES</u>	<u>COST SHARES PAID</u>
Addison	60,300	49,743	30,760
Caledonia	5,735	5,735	5,735
Chittenden	12,535	12,535	7,655
Franklin	7,438	3,099	3,099
Lamoille	3,705	3,705	3,705
Orange	10,597	9,777	6,130
Orleans	12,535	10,447	5,679
Washington	16,810	11,622	10,523
Windham	1,391	910	735
TOTAL	131,046	107,573	74,021

Forestry Incentives Program (FIP)

This program was authorized by Congress in 1973 to share the cost of tree planting and timber stand improvement with private landowners. Cost share rates in Vermont are 75% of the cost. The intent of the program is to get more timber produced on suitable sites.

1978 FIP

This program was made available to the field in October, 1977. The status of the program as of 9/30/78 was as follows:

<u>County</u>	<u>Allocation</u>	<u>Cost-Shares Approved</u>	<u>Amount Earned</u>	<u>Number Enrolled</u>
Addison	8,765	6,507	1,768	3
Bennington	9,529	5,002	390	10
Caledonia	33,022	34,295	11,440	93
Chittenden	42,434	32,308	1,562	2
Essex	10,582	7,745	1,525	12
Franklin	5,146	1,426	--	32
Grand Isle	2,500	--	--	3
Lamoille	37,843	35,166	7,129	46
Orange	41,492	43,925	7,794	65
Orleans	24,326	25,382	8,172	42
Rutland	15,890	7,107	608	22*
Washington	18,614	8,402	908	20
Windham	40,139	29,995	5,420	30
Windsor	32,529	19,871	1,768	22
TOTALS	322,811	257,131	48,484	402

During the above period 8,070 acres were served as follows:

7,949 acres of timberstand improvement were made
121 acres were devoted to tree planting

* Includes 2 FIP Long Term Agreements.

Technical Service Agreements (1978 ACP)

All counties entered into agreements with the Soil Conservation Service for the purpose of obtaining technical assistance with practices for which they have technical responsibility. No agreements were entered into with the Vermont Forest Service since 1% of the funds authorized are transferred at the Washington level. The amounts transferred to SCS under agreements through December 31, 1978 are listed below:

<u>County</u>	<u>SCS-5%</u> <u>1978</u>
Addison	\$ 7,643
Bennington	1,249
Caledonia	4,240
Chittenden	4,040
Essex	733
Franklin	6,970
Grand Isle	1,168
Lamoille	1,966
Orange	4,166
Orleans	4,572
Rutland	4,658
Washington	2,387
Windham	2,033
Windsor	<u>3,032</u>
TOTAL	\$48,857

EMERGENCY ACTIVITIES

1 Emergency Feed Program

The Food and Agricultural Act of 1977 authorized the Secretary of Agriculture to implement an Emergency Feed Program. The Secretary has developed such a program and has authorized State and County Committees to make the program available to any livestock owner who has suffered a substantial loss of production because of a "natural disaster."

The program was initiated in Vermont on October 1, 1977 with 13 of our 14 counties participating and ran through May 31, 1978.

Livestock owners had to show a loss of feed production, due to natural disasters, of 40 percent or more during the crop year.

If an applicant was found eligible, he received two cents a pound for feed grain or its equivalent purchased above normal requirements -- up to 50% of the cost of the purchased feed.

F I N A L EMERGENCY FEED PROGRAM REPORT as of October 31, 1978

<u>County</u>	<u>Appl. Rec.</u>	<u>Appl. Approved</u>	<u>Appl. Dis- Approved</u>	<u>Pounds Grain Approved</u>	<u>Appl. Paid</u>	<u>Assistance Paid</u>
Addison	409	401	8	88,594,707*	395	1,585,885
Bennington	0	0	0	0	0	0
Caledonia	65	38	27	2,893,520	36	38,634
Chittenden	130	112	18	18,953,094	106	227,709
Essex	18	13	5	1,557,567	13	29,823
Franklin	305	205	100	31,803,760	200	388,987
Grand Isle	58	50	8	5,246,408	48	95,186
Lamoille	38	34	4	3,511,299	33	39,916
Orange	112	96	16	7,370,281	85	119,077
Orleans	228	188	40	18,523,992	181	288,474
Rutland	114	92	22	10,507,078	91	178,508
Washington	54	43	11	3,896,399	40	59,992
Windham	1	1	0	262,350	1	3,020
Windsor	<u>41</u>	<u>21</u>	<u>20</u>	<u>1,723,729</u>	<u>19</u>	<u>21,045</u>
TOTALS	1,573	1,294	279	194,844,184	1,248	3,076,256

* For the month of September, 1977, 3,998,139 pounds were approved for Addison County under the Emergency Feed Program administered by ASCS-FDAA.



2 Emergency Conservation Program

As a result of ice jams and flooding in January 1978, ECP programs were initiated in Washington County for \$5,000 and Windham County for \$1,000. Orleans County was approved for a program in August of 1978 due to heavy rains and \$4,000 was set aside for their use. However, no payments were made in Orleans County during the reporting period.

The following chart contains practices that have been approved in prior years and have had activity during this reporting year.

County	Total Dollars		Practices and Total Dollars Approved					
	Approved	Participants	EC-1*	EC-2*	EC-3*	EC-4*	EC-6*	EC-7*
Addison	12,630	12	-	1,953	-	10,677	-	-
Bennington	1,267	3	381	800	-	26	-	-
Caledonia	-	-	-	-	-	-	-	-
Chittenden	9,880	8	-	-	-	-	9,880	-
Essex	-	-	-	-	-	-	-	-
Franklin	28,170	32	-	-	-	-	28,170	-
Grand Isle	-	-	-	-	-	-	-	-
Lamoille	-	-	-	-	-	-	-	-
Orange	-	-	-	-	-	-	-	-
Orleans	-	-	-	-	-	-	-	-
Rutland	19,141	7	79	1,629	-	17,433	-	-
Washington	15,739	5	4,687	5,881	90	5,141	-	-
Windham	2,816	3	-	-	734	306	-	1,776
Windsor	8,311	1	8,311	-	-	-	-	-
TOTALS	97,954	71	13,458	10,263	824	33,583	38,050	1,776

*EC-1 - Removing Debris from Farmland

EC-2 - Grading, Shaping, Releveling or Similar Measures

EC-3 - Restoring Permanent Fences

EC-4 - Restoring Structures and Other Installations

EC-6 - Drought Emergency Measures

EC-7 - Other Emergency Conservation Measures

3 Drought and Flood Conservation Program (DFCP)

The DFCP was made available in 1977 in Addison and Rutland Counties by the Secretary of Agriculture who designated these areas as "drought impact counties."

The program offered 80% cost sharing on reseeding due to drought and 80% cost sharing on developing water facilities to better distribute grazing.

Farmers had until September 30, 1977 to enroll. About 108 farmers did enroll and all payments were made by September 30, 1978 with \$81,818 being cost-shared.

USDA EMERGENCY BOARD

The State Executive Director is Chairperson of the State USDA Emergency Board, and the County Executive Directors are Chairpersons of County Emergency Boards. ASCS State and County offices act as support offices for emergency activities of the Department.

In addition to acting as chairpersons and support offices of the Boards, ASCS has the responsibility of assisting in food production and distribution through the wholesale level in case of national emergency. Much planning has gone into this work in order that we may be prepared in any emergency. We are working closely with State and local Civil Defense officials in these activities. Community Committee members can help by assisting in local Civil Defense activities.

WATER BANK PROGRAM

This program is designed to encourage preservation of wetlands and the providing of needed habitat for nesting and breeding places for migratory waterfowl. It provides for a small rental payment each year to eligible farmers for setting aside "wetlands" on their farms for waterfowl use. The contracts run for ten years from date of original contract.

Water Bank Program

<u>Year</u>						<u>1978</u>
<u>Agreement</u>		<u>No. of</u>	<u>Total</u>	<u>Wetland</u>	<u>Adjacent</u>	<u>Annual</u>
<u>Written</u>	<u>County</u>	<u>Agreements</u>	<u>Acres</u>	<u>Acres</u>	<u>Acres</u>	<u>Payments</u>
1972	Addison	23	1,705	511	1,194	\$10,828
1974	Addison	19	1,310	438	872	11,910
1975	Addison	12	498	204	295	3,792
	Chittenden	41	2,330	927	1,403	13,449
1976	Addison	17	849	346	503	6,779
	Chittenden	<u>18</u>	<u>950</u>	<u>442</u>	<u>508</u>	<u>5,270</u>
TOTAL		130	7,642	2,868	4,775	\$52,028

No new contracts were authorized in Vermont after 1976.

1978 FEED GRAIN PROGRAM

The Food and Agriculture Act of 1977, approved September 29, 1977, covers the 1978-81 feed grain crop years. The 1977 Act continued nonrecourse loan provisions; continued authority, with revisions, for the cropland set-aside approach and acreage diversion initiated in the Agricultural Act of 1970, and extended in the 1973 Act; substituted national program acreages for the acreage allotment system; established a program allocation factor with the Secretary given authority to make adjustments as necessary; and established new limits on the amount of payment a person could receive annually under the program. The Act continued the target price approach for 1978-81 feed grain crops (initiated in the 1973 Act) with deficiency payments as required, and specified that corn, sorghum and, if designated by the Secretary, barley and oats, will be eligible for target level and also disaster protection.

The Act extended for two years, with revisions, the disaster payment program of the 1973 Act for prevented planting and low yield crop loss because of disaster conditions. The 1977 Act authorizes the concept of a normal crop acreage (NCA) for an entire farm. Agricultural Stabilization and Conservation county committees will establish a normal crop acreage for farms within specified guidelines.

The new law extends to the Secretary of Agriculture the authority to implement set-aside if he determines supplies are likely to be excessive. Set-aside acreage will be based on a percentage of the current year's acreage planted for harvest. The set-aside percentage is to be announced by November 15 for the next year's feed grain crops.

1978 FEED GRAIN PROGRAM

County	Normal Crop Acreage	Fms Parti. in Disas. Program 1/	Av. Pay. Per Farm 1/	Tot. Farms Pay. Parti.	Farms Rec. Vol.	Div.	Amount	Wheat Def. Pay.	Fms. Elig. Corn Def. Pay- ment
Addison	28,572	1	\$153	\$153	21	12	12,571	1,428	21
Bennington	3,094	-	-	-	5	5	3,196	-	5
Caledonia	5,307	-	-	-	-	-	-	-	-
Chittenden	8,907	-	-	-	6	5	3,011	-	6
Essex	1,510	-	-	-	5	6	3,848	-	5
Franklin	16,504	-	-	-	5	4	2,155	-	5
Grand Isle	4,294	-	-	-	17	16	11,980	-	17
Lamoille	3,925	-	-	-	2	1	78	-	2
Orange	6,435	-	-	-	-	-	-	-	-
Orleans	9,342	-	-	-	16	16	5,458	-	16
Rutland	7,360	2	414	828	19	19	8,776	-	19
Washington	3,172	-	-	-	8	8	5,875	-	8
Windham	3,576	-	-	-	1	-	-	-	1
Windsor	3,387	-	-	-	2	2	1,079	-	2
State Reserve	527	-	-	-	-	-	-	-	-
TOTAL State									
NCA	105,912	3	\$567	\$981	107	94	\$58,027	\$1,428	107

1/ Based on computer printout report.

PRICE SUPPORT PROGRAMS

In the field of price support, the Vermont State ASC Committee has concerned itself with keeping up to date on the overall activities of the various price support programs that would affect the State's agriculture, such as those for dairy products, honey, wheat, feed grains, and the purchase and loan programs. Information on these programs has been passed along to the county offices and farmers have been kept informed.

WHEAT PROGRAM - 1978

The Food and Agriculture Act of 1977, approved September 29, 1977, covers the 1978-81 wheat crop years. Nonrecourse loan provisions were extended. The 1977 Act continued authority, with revisions, for the cropland set-aside approach and acreage diversion initiated in the Agricultural Act of 1970, and extended in the 1973 Act; substituted National program acreages for the acreage allotment system; established a program allocation factor with the Secretary given authority to make adjustments as necessary; and established new limits on the amount of payment a person could receive annually under the program. The Act continued the target price approach for 1978-81 (initiated in the 1973 Act).

The National 1978 wheat allotment is 58.8 million acres. This allotment represents the number of harvested acres of wheat, based on the estimated National yield, to produce the quantity of wheat (less imports) that will be utilized domestically and for export during the 1977-78 marketing year. This program is voluntary.

In Vermont there are seven counties with wheat acreage - Addison, Bennington, Chittenden, Franklin, Grand Isle, Orleans, and Washington. One wheat farm received a deficiency payment in 1978.

WOOL PROGRAM

The National Wool Act of 1954, as amended, was extended through December 31, 1981 by the Food and Agriculture Act of 1977.

The amended Act provides that shorn wool be supported at 85 percent of an amount determined by using the formula set forth in the Act. This calculates into a support price of 99 cents per pound for 1977 marketings of shorn wool. The purpose of this program is to assure an adequate supply of domestically produced wool in this country.

A summary of the 1977 wool program for Vermont shows that 102 applications for shorn wool were received from sheep producers. Applications for payment on 23,634 pounds of shorn wool resulted in payments of \$6,752. Payments of \$473 were made on 43,772 pounds of unshorn lambs. The payment rate is set each year and is dependent upon the average price received by all wool producers in the United States who apply for payment. The rate of payment is applied to each producer's net proceeds received for wool. This results in the producer's attempting to get the best possible price for his product.

The National support rate for 1977 was 99¢ a pound.

Vermont Summary of Wool Program
1977 Marketing Year

County	SHORN WOOL				UNSHORN LAMBS		
	No. Appl. Pay.	Lbs. Wool Sold	Net Proceeds to Farmer	Govt. Payment	No. Appl. Pay.	Wt. Lambs Sold	Govt. Payment
Addison	8	3,163	\$ 2,192	\$ 822	2	5,075	\$54.81
Bennington	7	1,980	1,467	550	3	8,680	93.74
Caledonia	8	2,457	1,979	742	-	-	-
Chittenden	4	702	781	293	2	1,780	19.23
Essex	2	373	264	99	-	-	-
Franklin	4	415	282	106	1	257	2.78
Grand Isle	1	431	284	107	1	3,265	35.26
Lamoille	-	-	-	-	-	-	-
Orange	23	4,824	3,709	1,391	7	12,924	139.53
Orleans	2	1,388	1,102	414	2	5,565	60.11
Rutland	15	2,767	2,038	764	1	530	5.72
Washington	9	2,016	1,597	599	5	5,103	55.11
Windham	4	1,301	982	368	-	-	-
Windsor	15	1,817	1,328	498	2	593	6.40
TOTAL	102	23,634	18,005	6,753	26	43,772	472.74

The 1977 marketing year incentive rate - 37.5% of net proceeds on shorn wool and 1.08¢ per cwt. liveweight on unshorn lambs.

Wool Payments Made in Vermont
1955 - 1977

Year	National Average Price	SHORN WOOL			UNSHORN LAMBS		
		Lbs.	Rate of Payment	Payment	Lbs.	Rate of Payment (CWT.)	Payment
1955	42.8¢	49,000	42.8%	\$10,171	142,000	77¢	\$1,194
1956	44.3¢	56,148	40.0%	9,974	192,377	71¢	1,101
1957	53.7¢	55,716	15.5%	4,550	151,286	33¢	499
1958	36.4¢	49,712	70.3%	13,494	162,082	\$1.02	1,647
1959	43.3¢	67,057	43.2%	13,204	145,051	75¢	1,154
1960	42.0¢	52,579	47.6%	12,855	147,619	80¢	1,180
1961	42.9¢	52,174	44.5%	13,582	108,801	76¢	809
1962	47.7¢	44,393	30.0%	7,342	96,607	57¢	507
1963	48.5¢	45,292	27.8%	6,465	68,785	54¢	396
1964	53.2¢	44,464	16.5%	4,200	86,654	35¢	303
1965	47.1¢	45,884	31.6%	7,465	76,560	60¢	419
1966	52.1¢	40,797	24.8%	6,204	93,402	52¢	426
1967	39.8¢	34,632	65.8%	10,579	66,223	\$1.05	695
1968	40.5¢	39,995	65.4%	11,143	81,643	\$1.06	864
1969	41.8¢	29,016	65.1%	6,804	59,801	\$1.09	651
1970	35.5¢	31,993	102.8%	14,210	68,583	\$1.46	1,000
1971	19.4¢	31,723	271.1%	28,686	94,665	\$2.10	1,877
1972	35.0¢	33,136	105.7%	13,175	72,478	\$1.48	1,073
1973	82.7¢	-	-	-	-	-	-
1974	59.1¢	23,665	21.8%	3,213	20,120	52¢	104
1975	44.7¢	23,856	61.1%	6,475	29,128	\$1.09	317
1976	65.7¢	25,894	9.6%	1,278	38,405	25¢	67
1977	72.0¢	23,634	37.5%	6,753	43,772	\$1.08	473

BEEKEEPERS INDEMNITY PROGRAM

The program was originally authorized by the Agricultural Act of 1970 and was extended through September 1981 by the Food and Agricultural Act of 1977.

A beekeeper suffering a loss of bees through no fault of his own as a result of the use of pesticides near or adjacent to where his beehives are located may file a claim with the county office.

Committee members should inform beekeepers to file promptly following each loss. For current losses, the owner will have to have a signed Apiary Inspection Report and pesticide certification completed by an authorized inspector.

To date, we have had 25 claims paid with payments amounting to \$11,378. 20 of these applications were from Addison, 2 from Bennington, 1 from Rutland, 1 from Washington, and 1 from Windham County. No claims were filed in 1978.

INFORMATIONAL ACTIVITIES

The memorandum of understanding with the Vermont Extension Service to edit and arrange for final release to state and county newspapers information concerning ASCS programs in Vermont was continued. This method is very satisfactory. The Vermont Extension Service and Information Staff is always cooperative in this respect.

Radio tapes were made during the year using Extension Service facilities and these were released to radio stations throughout Vermont. In addition, several radio programs were arranged for at the county level and were participated in by State Office personnel and local ASCS people.

The State monthly newsletter (green sheet) distributed to County and Community Committee members and cooperating agencies was continued in 1978. These letters are a method of pointing out the highlights of ASCS programs in Vermont. During 1978 the State Office published 7 newsletters and the county offices 103.

At the beginning of programs and on other occasions as needed, suggested county news releases were provided to county offices. These were adapted locally and released for publication through the County Extension Office. In addition, timely ASCS news and announcements were disseminated locally through the County Agent, either in his radio program, newsletter, or column in the newspaper.

Washington continued to supply Vermont radio stations with weekly tapes. These tapes deal with ASCS current developments relative to agriculture in this part of the United States. The 3 to 5 minute narrations do a good job in helping to keep our agricultural community informed.

POTATO DIVERSION PROGRAM

On November 20, 1978, an agreement between ASCS and the Food Safety and Quality Service made it possible for certain Maine potato growers to divert fresh Irish potatoes to livestock feed. The end result was that Vermont farmers obtained 351,500 pounds of these potatoes. 311,600 pounds were fed by Orleans County farmers. The remaining 39,900 pounds went to an Essex County farmer. All the Vermont farmers had to pay were the transportation charges.

STATE OF VERMONT

ACP, RE/P, and RECP Enrollment by Counties for Specified Years*

<u>County</u>	<u>1936</u>	<u>1946</u>	<u>1954</u>	<u>1958</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1970</u>	<u>1972</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Addison	439	1025	628	869	725	697	715	717	660	562	400	349	395	389
Bennington	149	451	288	285	273	259	227	228	194	157	72	88	95	81
Caledonia	570	1105	669	753	625	597	535	574	553	526	428	472	395	423
Chittenden	406	852	625	669	533	499	448	453	390	405	225	267	200	269
Essex	177	241	163	167	131	123	122	123	127	108	65	63	58	60
Franklin	525	1464	1034	1167	942	922	905	842	777	719	401	398	365	427
Grand Isle	127	257	177	180	160	140	131	136	128	138	95	90	64	61
Lamoille	320	630	425	465	486	502	482	475	365	335	150	162	182	227
Orange	533	1017	625	780	683	640	583	530	522	493	340	390	377	371
Orleans	734	1304	977	1007	871	807	802	770	624	745	349	398	357	334
Rutland	580	1039	705	760	623	617	600	570	495	449	225	365	262	252
Washington	465	947	614	626	552	553	537	524	504	305	128	190	114	159
Windham	342	615	423	446	335	310	308	270	259	248	112	200	225	104
Windsor	335	1083	762	689	554	519	515	470	459	383	199	259	252	241
Totals	5702	12030	8115	8863	7493	7185	6910	6682	6057	5573	3189	3691	3341	3398

*Enrollment total each year varies from actual participation because some farmers who sign up do not carry out practices.

STATE OF VERMONT

ACP, REAP, and RECP Participation by Counties for Specified Years

County															**
	1950	1960	1962	1964	1966	1968	1970	1972	1973	1974*	1975	1976	1977	1978	1975-78
Addison	822	736	667	588	557	557	500	522	335	93	327	279	258	369	610
Bennington	404	235	234	215	206	157	151	116	86	36	61	70	69	73	142
Caledonia	737	621	568	512	439	376	363	352	283	87	308	377	287	323	636
Chittenden	727	518	471	442	383	343	275	266	184	58	225	213	163	154	374
Essex	208	111	113	100	98	95	80	97	52	29	67	50	50	44	110
Franklin	1102	929	799	767	688	675	600	535	290	105	363	318	319	328	659
Grand Isle	176	143	114	131	105	107	93	106	100	14	90	72	45	53	126
Lamoille	509	405	382	373	394	267	235	235	121	63	122	129	88	134	247
Orange	806	575	564	580	520	393	395	400	237	119	270	312	306	251	579
Orleans	1124	795	640	601	534	539	520	641	235	82	400	318	265	266	612
Rutland	751	622	580	511	474	424	389	343	156	85	172	292	189	207	435
Washington	751	549	495	442	452	395	324	283	149	66	114	152	120	94	251
Windham	611	356	298	276	247	216	179	177	94	78	120	160	125	94	265
Windsor	943	579	536	489	423	390	379	301	188	48	157	207	166	180	349
Totals	9671	7174	6461	6027	5520	4939	4483	4374	2510	963	2796	2949	2450	2570	5395

*Includes Forestry Incentives Program

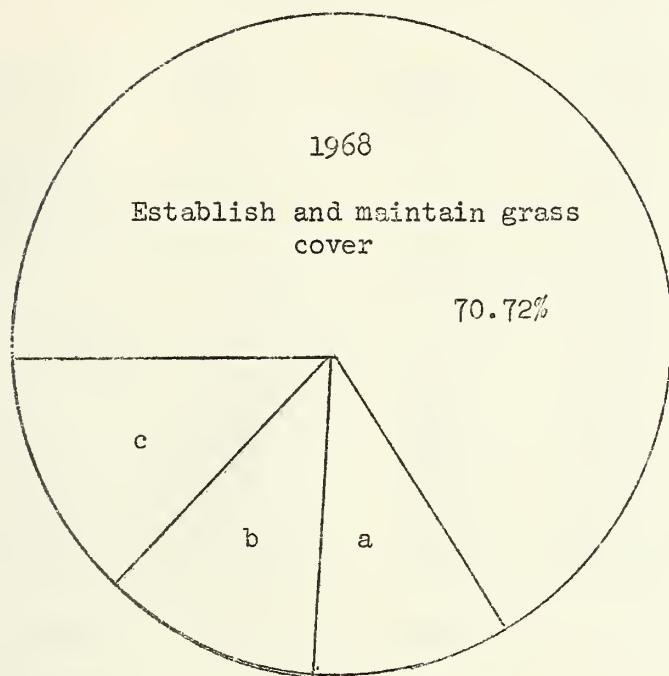
**Projected farms participating at least once 1975 - 1978.

VERMONT

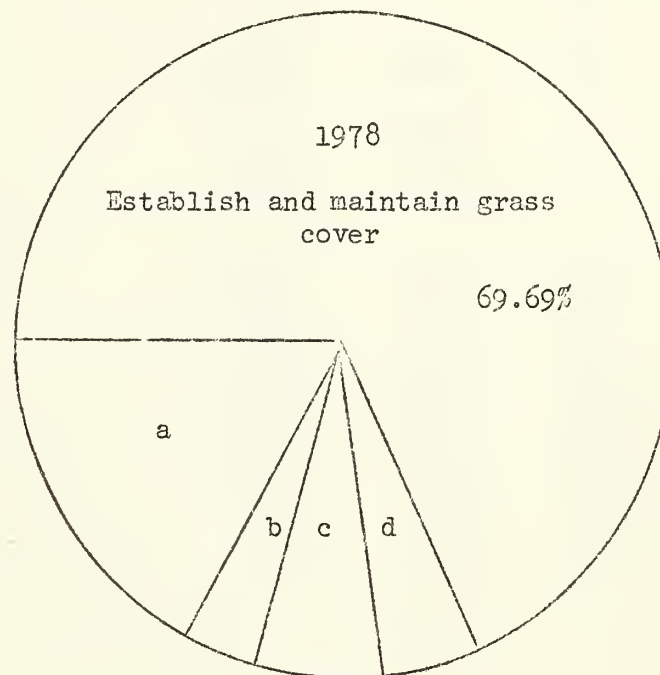
Vermont State ASCS Office

May 1979

PERCENTAGE DISTRIBUTION OF ASSISTANCE FOR PRACTICES AND SERVICES CARRIED OUT
(Comparing 1968 ACP Program Year with 1978 ACP Program Year)



- | | |
|-----------------------|------------------------|
| a. Drainage - 8.96% | Outlet protection |
| b. Forestry - 9.33% | Springs & seeps |
| c. All Other - 10.99% | Wildlife Shallow Water |
| Stripcropping | Wildlife Ponds |
| Farm Ponds | Wildlife Land Mgt. |
| Pipelines | Beautification |
| Green Manure | Soil Sampling |
| Mulching | 5% and 1% Agreements |
| Shore Protection | |



- | | |
|-------------------------------|----------------------------|
| a. Drainage - 17.04% | Streambank & Channel |
| b. Forestry - 3.13% | Protection |
| c. All Other - 5.70% | Wildlife Land Mgt |
| Stripcropping | d. Animal Waste |
| Farm Ponds | Storage Facilities - 4.44% |
| Livestock Water Facilities | |
| Mulching | |
| Interim Cover or Green Manure | |

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

SL-1 Permanent Vegetative Cover Establishment Six Year Life Span				
<u>County</u>	<u>Cost Shares</u>	<u>Acres</u>	<u>Ave. Cost Per Acre</u>	<u>% of Total County Assist.</u>
Addison	19,436	1,212	16.04	9.09
Bennington	1,883	51	36.92	6.61
Caledonia	-	-	-	-
Chittenden	14,750	935	15.78	18.22
Essex	456	14	32.57	2.38
Franklin	27	6	4.50	.02
Grand Isle	632	52	12.15	2.62
Lamoille	5,759	210	27.42	11.38
Orange	4,715	208	22.67	5.84
Orleans	10,967	533	20.58	8.12
Rutland	17,498	799	21.90	18.73
Washington	1,234	70	17.63	2.56
Windham	2,720	116	23.45	6.73
Windsor	1,023	100	10.23	1.50
Totals	81,100	4,306	18.83	7.12

SP-3 Permanent Vegetative Cover Establishment Four Year Life Span				
<u>County</u>	<u>Cost Shares</u>	<u>Acres</u>	<u>Ave. Cost Per Acre</u>	<u>% of Total County Assist.</u>
Addison	41,502	3,157	13.15	19.40
Bennington	8,601	408	21.08	30.19
Caledonia	11,498	478	24.05	11.14
Chittenden	-	-	-	-
Essex	2,363	56	42.20	12.31
Franklin	26,044	1,753	14.86	17.08
Grand Isle	6,424	458	14.03	26.61
Lamoille	9,406	617	15.24	18.59
Orange	24,850	1,217	20.42	30.79
Orleans	38,044	1,725	22.05	28.16
Rutland	7,130	492	14.49	7.63
Washington	10,484	367	28.57	21.75
Windham	3,312	107	30.95	8.19
Windsor	6,076	255	23.83	8.90
Totals	195,734	11,090	17.65	17.18

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

SL-2

<u>Permanent Vegetative Cover Improvement</u>				
<u>County</u>	<u>Cost</u> <u>Shares</u>	<u>Acres</u>	<u>Ave.</u> <u>Cost</u> <u>Per</u> <u>Acre</u>	<u>% of</u> <u>Total</u> <u>County</u> <u>Assist.</u>
Addison	14,489	822	17.63	6.77
Bennington	452	46	9.83	1.59
Caledonia	14,635	816	17.94	14.18
Chittenden	29,653	2,220	13.36	36.62
Essex	2,738	156	17.55	14.27
Franklin	9,801	813	12.06	6.43
Grand Isle	910	80	11.38	3.77
Lamoille	6,602	492	13.42	13.05
Orange	-	-	-	-
Orleans	17,027	882	19.30	12.60
Rutland	9,689	522	18.56	10.37
Washington	2,861	194	14.75	5.92
Windham	2,565	133	19.29	6.35
Windsor	3,331	378	8.81	4.88
Totals	114,753	7,554	15.19	10.06

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

County	SL-3 Stripcropping Systems				SL-5 Diversions			
	Cost Shares	Acres	Ave. Cost Per Acre	% of Total County Assist.	Cost Shares	Acres Served	Ave. Cost Per Acre	% of Total County Assist.
Addison	994	45	22.09	.46	7,829	196	39.94	3.66
Bennington	-	-	-	-	624	12	52.00	2.19
Caledonia	-	-	-	-	7,154	91	78.62	6.93
Chittenden	1,270	36	35.28	1.57	2,838	90	31.53	3.50
Essex	-	-	-	-	1,700	17	100.00	8.86
Franklin	-	-	-	-	-	-	-	-
Grand Isle	-	-	-	-	-	-	-	-
Lamoille	-	-	-	-	4,972	103	48.27	9.83
Orange	-	-	-	-	290	21	13.81	.36
Orleans	-	-	-	-	2,646	57	46.42	1.96
Rutland	1,241	16	77.56	1.33	497	18	27.61	.53
Washington	-	-	-	-	-	-	-	-
Windham	-	-	-	-	597	10	59.70	1.48
Windsor	-	-	-	-	748	16	46.75	1.10
TOTALS	3,505	97	36.13	.31	29,895	631	47.38	2.62

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

SL-6

SL-8

County	Grazing Land Protection				Cropland Protective Cover			
	Cost Shares	Acres Served	Ave. Cost Per Acre	% of Total County Assist.	Cost Shares	Acres Served	Ave. Cost Per Acre	% of Total County Assist.
Addison	-	-	-	-	175	15	11.67	.08
Bennington	-	-	-	-	1,788	197	9.08	6.28
Caledonia	108	10	10.80	.10	-	-	-	-
Chittenden	-	-	-	-	-	-	-	-
Essex	-	-	-	-	-	-	-	-
Franklin	-	-	-	-	-	-	-	-
Grand Isle	-	-	-	-	-	-	-	-
Lamoille	-	-	-	-	-	-	-	-
Orange	232	5	46.40	.29	-	-	-	-
Orleans	270	10	27.00	.20	-	-	-	-
Rutland	157	10	15.70	.17	2,724	320	8.51	2.92
Washington	216	10	21.60	.45	-	-	-	-
Windham	-	-	-	-	300	30	10.00	.74
Windsor	-	-	-	-	-	-	-	-
TOTALS	983	45	21.84	.09	4,987	562	8.87	.44

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

SL-11 Permanent Vegetative Cover on Critical Areas					WC-1 Water Impoundment Reservoirs			
<u>County</u>	<u>Cost Shares</u>	<u>Acres Served</u>	<u>Ave. Cost Per Acre</u>	<u>% of Total County Assist.</u>	<u>Cost Shares</u>	<u>Number</u>	<u>Ave. Cost Per Facility</u>	<u>% of Total County Assist.</u>
Addison	600	12	50.00	.28	2,400	5	480.00	1.12
Bennington	"	"	"	"	"	"	"	"
Caledonia	124	4	31.00	.12	"	"	"	"
Chittenden	"	"	"	"	"	"	"	"
Essex	"	"	"	"	"	"	"	"
Franklin	"	"	"	"	"	"	"	"
Grand Isle	"	"	"	"	"	"	"	"
Lamoille	"	"	"	"	"	"	"	"
Orange	"	"	"	"	"	"	"	"
Orleans	"	"	"	"	"	"	"	"
Rutland	"	"	"	"	3,695	2	1,847.50	3.95
Washington	"	"	"	"	1,250	1	1,250.00	2.59
Windham	"	"	"	"	"	"	"	"
Windsor	"	"	"	"	"	"	"	"
TOTALS	724	16	45.25	.06	7,345	8	918.13	.64

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

WP-1 Sediment Retention, Erosion or Water Control Structures					WP-2 Stream Protection			
County	Cost Shares	Acres Served	Ave. Cost Per Acre	% of Total County Assist.	Cost Shares	Acres Served	Ave. Cost Per Acre	% of Total County Assist.
Addison	-	-	-	-	9,525	59	161.44	4.45
Bennington	-	-	-	-	4,484	78	57.49	15.74
Caledonia	-	-	-	-	-	-	-	-
Chittenden	-	-	-	-	-	-	-	-
Essex	-	-	-	-	-	-	-	-
Franklin	-	-	-	-	-	-	-	-
Grand Isle	-	-	-	-	-	-	-	-
Lamoille	-	-	-	-	500	5	100.00	.99
Orange	-	-	-	-	-	-	-	-
Orleans	-	-	-	-	-	-	-	-
Rutland	1,042	10	104.20	1.12	1,351	2	675.50	1.45
Washington	-	-	-	-	6,219	55	113.07	12.87
Windham	1,257	3	419.00	3.11	-	-	-	-
Windsor	1,243	10	124.30	1.82	7,475	58	128.88	10.95
TOTALS	3,542	23	154.00	.31	29,554	257	115.00	2.59

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

WP-3

Sod Waterways

County	Cost Shares	Acres Served	Ave.	% of
			Cost Per Acre	Total County Assist.
Addison	3,498	125	27.98	1.64
Bennington	186	17	10.94	.65
Caledonia	—	—	—	—
Chittenden	—	—	—	—
Essex	—	—	—	—
Franklin	—	—	—	—
Grand Isle	—	—	—	—
Lamoille	—	—	—	—
Orange	—	—	—	—
Orleans	—	—	—	—
Rutland	504	200	2.52	.54
Washington	250	8	31.25	.52
Windham	534	4	133.50	1.32
Windsor	395	5	79.00	.47
Totals	5,367	359	14.95	.47

WP-4

Animal Waste Control Facilities

Cost Shares	Number	Ave.	% of
		Cost Per Unit	Total County Assist.
9,080	6	1,513.33	4.24
1,720	1	1,720.00	6.04
1,000	1	1,000.00	.97
4,905	3	1,635.00	6.06
—	—	—	—
10,000	4	2,500.00	6.56
700	1	700.00	2.90
2,500	1	2,500.00	4.94
3,000	2	1,500.00	3.72
7,678	8	959.75	5.68
2,500	1	2,500.00	2.68
5,000	2	2,500.00	10.37
—	—	—	—
2,500	1	2,500.00	3.66
50,583	31	1,631.71	4.44

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

County	FR-1 Forest Tree Plantations				FR-2 Forest Tree Stand Improvement			
	Cost Shares	Acres	Ave. Cost Per Acre	% of Total County Assist.	Cost Shares	Acres	Ave. Cost Per Acre	% of Total County Assist.
Addison	-	-	-	-	2,300	192	11.98	1.08
Bennington	335	7	47.86	1.18	1,050	104	10.10	3.69
Caledonia	-	-	-	-	1,620	53	30.57	1.57
Chittenden	-	-	-	-	14,392	515	27.95	17.77
Essex	-	-	-	-	805	23	35.00	4.19
Franklin	-	-	-	-	2,700	136	19.85	1.77
Grand Isle	75	2	37.50	.31	-	-	-	-
Lamoille	-	-	-	-	3,045	128	23.79	6.02
Orange	108	3	36.00	.13	460	28	16.43	.57
Orleans	-	-	-	-	691	58	11.91	.51
Rutland	53	1	53.00	.06	601	29	20.72	.64
Washington	-	-	-	-	319	15	21.27	.66
Windham	-	-	-	-	1,497	80	18.71	3.70
Windsor	392	11	35.64	.57	5,308	420	12.64	7.78
Total	963	24	40.13	.08	34,788	1,781	19.53	3.05

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

County	WL-1 Permanent Wildlife Habitat				SP-6 Permanent Open Drainage Systems			
	Cost Shares	Acres Served	Ave. Cost Per Acre	% of Total County Assist.	Cost Shares	Acres Served	Ave. Cost Per Acre	% of Total County Assist.
Addison	-	-	-	-	23,228	550	42.23	10.86
Bennington	304	176	1.73	1.07	509	5	101.80	1.79
Caledonia	732	61	12.00	.71	-	-	-	-
Chittenden	-	-	-	-	3,235	82	39.45	4.00
Essex	-	-	-	-	-	-	-	-
Franklin	20	4	5.00	.01	4,795	137	35.00	3.14
Grand Isle	-	-	-	-	2,172	44	49.36	9.00
Lamoille	1,601	143	11.20	3.16	4,331	87	49.78	8.54
Orange	144	13	11.08	.18	187	10	18.70	.23
Orleans	-	-	-	-	2,809	70	40.13	2.08
Rutland	80	6	13.33	.09	4,657	78	59.71	4.98
Washington	-	-	-	-	650	10	65.00	1.35
Windham	-	-	-	-	376	2	188.00	.93
Windsor	133	42	3.17	.19	292	9	32.44	.43
Totals	3,014	445	6.77	.26	47,241	1,084	43.58	4.14

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

SP-7

Underground Drainage Systems

County	Cost Shares	Acres Served	Ave. Cost Per Acre	% of Total County Assist.
Addison	9,324	88	105.95	4.36
Bennington	-	-	-	-
Caledonia	-	-	-	-
Chittenden	5,384	142	37.92	6.65
Essex	-	-	-	-
Franklin	45,150	609	74.14	29.60
Grand Isle	7,931	103	77.00	32.85
Lamoille	703	7	100.43	1.39
Orange	3,365	36	93.47	4.17
Orleans	7,474	164	45.57	5.53
Rutland	11,986	166	72.20	12.83
Washington	6,641	144	46.12	13.77
Windham	160	3	53.33	.40
Windsor	6,640	66	100.61	9.73
Totals	104,758	1,528	68.56	9.20

SP-8

Land Shaping and Grading to Effect Surface Drainage

County	Cost Shares	Acres Served	Ave. Cost Per Acre	% of Total County Assist.
Addison	-	-	-	-
Bennington	-	-	-	-
Caledonia	-	-	-	-
Chittenden	-	-	-	-
Essex	1,450	14	103.57	7.56
Franklin	-	-	-	-
Grand Isle	-	-	-	-
Lamoille	1,073	31	34.61	2.12
Orange	2,525	24	105.21	3.13
Orleans	-	-	-	-
Rutland	450	3	150.00	.48
Washington	895	15	59.67	1.86
Windham	522	1	522.00	1.29
Windsor	-	-	-	-
Totals	6,915	88	78.58	.61

1978 ACP PRACTICE ASSISTANCE BY COUNTIES

County	SP-10 Streambank Stabilization				SP-21 Use of Lime to Improve or Re-establish Permanent Vegetative Cover			
	Cost Shares	Acres Served	Ave. Cost Per Acre	% of Total County Assist.	Cost Shares	Acres	Ave. Cost Per Acre	% of Total County Assist.
Addison	4,485	12	373.75	2.10	65,053	4,919	13.22	30.41
Bennington	1,661	11	151.00	5.83	4,896	300	16.32	17.18
Caledonia	266	1	266.00	.26	66,079	3,808	17.35	64.02
Chittenden	-	-	-	-	4,544	481	9.45	5.61
Essex	-	-	-	-	9,679	590	16.41	50.44
Franklin	-	-	-	-	53,984	4,218	12.80	35.38
Grand Isle	-	-	-	-	5,296	528	10.03	21.94
Lamoille	113	1	113.00	.22	9,991	720	13.88	19.75
Orange	145	1	145.00	.18	40,679	2,283	17.82	50.36
Orleans	-	-	-	-	47,485	2,256	21.05	35.15
Rutland	-	-	-	-	27,532	1,621	17.02	29.52
Washington	-	-	-	-	12,192	830	14.69	25.29
Windham	-	-	-	-	26,575	1,195	22.24	65.76
Windsor	3,732	10	373.20	5.47	28,950	1,758	16.47	42.43
Totals	10,402	36	288.94	.91	402,985	25,507	15.80	35.33

ACP PAYMENTS MADE DURING CY 1978

<u>PRACTICE</u>	<u>COST SHARES</u>
SL-1 Permanent Vegetative Cover Establishment - 6 Year Life Span	81,100
SP-3 Permanent Vegetative Cover Establishment - 4 Year Life Span	195,734
SL-2 Permanent Vegetative Cover Improvement	114,753
SL-3 Stripcropping Systems	3,505
SL-5 Diversions	29,895
SL-6 Grazing Land Protection	983
SL-8 Cropland Protective Cover	4,987
SL-11 Permanent Vegetative Cover on Critical Areas	724
WC-1 Water Impoundment Reservoirs	7,345
WP-1 Sediment Retention, Erosion or Water Control Structures	3,542
WP-2 Stream Protection	29,554
WP-3 Sod Waterways	5,367
WP-4 Animal Waste Control Facilities	50,583
FR-1 Forest Tree Plantations	963
FR-2 Forest Tree Stand Improvement	34,788
WL-1 Permanent Wildlife Habitat	3,014
SP-6 Permanent Open Drainage Systems	47,241
SP-7 Underground Drainage Systems	104,758
SP-8 Land Shaping and Grading to Effect Surface Drainage	6,915
SP-10 Streambank Stabilization	10,402
SP-21 Use of Lime to Improve or Re-establish Permanent Vegetative Cover	<u>402,985</u>
Sub-total	1,139,138
SCS Transfer	<u>48,857</u>
Total Funds Paid	1,187,995

